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WISCONSIN

FEDERAL MILK ORDER BULLETIN



for the
Milwaukee, Northeastern
and Madison Marketing Areas
C. T. McCleery - Market Administrator

FALL HARVEST TIME

MAR 16 1966

AUGUST 1966

PRODUCTIVITY AND SIZE IN DAIRYING

Developing a modern, well-equipped, specialized operation isn't enough for dairymen to survive nowadays. They also need answers to questions like these:

- (1) Do average size and costs differ between farms with above- and below-average milk production?
- (2) How do income and costs change as herds become larger?
- (3) How do net returns change as herd size and production level increase? And,
- (4) Is it better to milk more cows or to produce more milk per cow?

Providing some answers is a recent study of costs and returns for large, specialized dairy farms in Wisconsin. Fifty farms that had been modernized and enlarged within the last 10 years were studied.

From the 50 farms, 24 with no supplementary enter-
(Cont'd on page 3)

MILK SALES HAVE UPS AND DOWNS

Weight-conscious milk lovers may think they are fooling their figures. But figures — both anatomical and statistical — don't seem to fool very easily.

The anatomical kind of figure worriers can congratulate themselves on the news that sales of skim milk products went up sharply last year. But, as the statistical figures show, so did sales of sour cream and eggnog.

Average daily sales of plain whole milk in reporting State and Federal marketing areas were 1 percent above 1964. Yogurt sales dropped 15 percent. Sales of flavored whole milk rose 5 percent. Flavored skim sales (mostly chocolate) were up 3 percent while sales of plain skim milk gained 6 percent. Sales of skim milk with solids added increased 16 percent. Buttermilk sales declined 1 percent.

Sales of milk and cream mixtures (half and half in most markets) were down 2 percent while those of egg-
(Cont'd on page 3)

DATA IN BRIEF - FOR THE MAN IN A HURRY

	Milwaukee Order No. 39		Northeastern Wis. Order No. 45		Madison Order No. 51	
<u>JULY 1966</u>						
Class I Price & Differential	\$4.617	7.9¢	\$4.477	8.2¢	\$4.617	7.9¢
Class II Price & Differential	\$4.05	8.2¢	\$4.05	8.2¢	\$4.05	8.2¢
Producer Price & Differential	\$4.35	8.0¢	\$4.33	8.2¢	\$4.47	8.0¢
Pounds of Producer Milk	279,132,851		39,209,246		16,107,661	
Percentage in Class I	51.8%		62.1%		72.3%	
<u>AUGUST 1966</u>						
Class I Price & Differential	\$4.89	8.5¢	\$4.75	8.9¢	\$4.89	8.5¢

♦ After May 1, 1966

SELECTED COMPARISONS OF WISCONSIN MARKETS

	Order No. 39 ▲			Order No. 45			Order No. 51		
	July '66	July '65	Com- parison	July '66	July '65	Com- parison	July '66	July '65	Com- parison
Average Daily:									
Producer Milk, thous. lbs.	2404	2509	-4.2%	1265	1125	12.4%	520	487	6.8%
Other Receipts, thous. lbs.	161	170	-5.3	93	103	-9.7	140	116	20.7
Gross Class I, thous. lbs.	1943	2028	-4.2	809	822	-1.6	411	403	2.0
Gross Class II, thous. lbs.	723	819	-11.7	634	486	30.5	249	200	24.5
Deliveries per Farm, lbs	1050	1073	-2.1	980	935	4.8	1003	979	2.4
Number of Farms	2302	2345	-43	1291	1203	88	518	497	21
Avg. Test of Producer Milk, %	3.60	3.56	.04	3.57	3.59	- .02	3.56	3.56	-0-
Number of Handlers:									
Pool Plants	22	25	-3	61	61	-0-	19	19	-0-
Other Handlers	5	4	1	5	4	1	7	9	-2
Producer Milk in Class I, %	83.2	80.3	2.9	62.1	70.5	-8.4	72.3	78.3	-6.0
Shrinkage to Total Receipts:									
Product Pounds, %	1.39	1.38		1.65	1.51		1.41	2.21	
Butterfat Pounds, %	1.61	1.33		2.48	2.17		1.69	1.30	

▲ Prior to May 1, 1966

NEARBY FEDERAL ORDER DATA

JULY 1966

MARKET	Producer Milk	Class I Milk	Class I Price 3.5% Milk	Producer Price 3.5% Milk	August 1966 Class I Price 3.5% Milk
	thous. lbs.	thous. lbs.	\$ per cwt.	\$ per cwt.	\$ per cwt.
Chicago, No. 30	*	*	*	*	*
Duluth-Superior, No. 69	13,513	7,315	5.127	4.53	5.20
Madison, No. 51	16,108	11,649	4.617	4.47	4.89
Michigan Upper Peninsula, No. 44	10,451	7,799	4.687	4.639	4.86
Milwaukee, No. 39 ♦	279,133	144,470	4.617	4.35	4.89
Minneapolis-St. Paul, No. 68	120,345	57,520	4.932	4.57	4.96
Northeastern Wisconsin, No. 45	39,209	24,362	4.477	4.33	4.75
Quad Cities-Dubuque, No. 63	18,873	11,994	4.837	4.54	5.11
Rock River Valley, No. 38	36,024	28,925	4.657	4.53	4.93
Southern Michigan, No. 40	288,355	183,806	4.927	4.62	5.00

Note: The producer price shown for Michigan Upper Peninsula and Milwaukee is, in each case, the weighted average of minimum pay prices for pool plants, including zone or location differentials. Announced prices for basic zones are quoted in other instances. During base pay periods weighted averages are shown for base and excess prices.

* Order terminated effective
Midnight April 30.

♦ After May 1, 1966

COMPUTATION OF UNIFORM PRICES*

JULY 1966

Northeastern Wisconsin Marketing Area Federal Order No. 45				Madison Wisconsin Marketing Area Federal Order No. 51		
	Producer			Producer		
	Milk	B'Fat	Value	Milk	B'Fat	Value
Producer Milk in Class I	24,361,746	849,733	\$1,088,369.44	11,648,951	401,801	\$527,264.31
Producer Milk in Class II	14,847,500	550,992	627,013.96	4,458,710	172,202	193,818.40
Total Milk and Value Before Adjustments	39,209,246	1,400,725	\$1,715,383.40	16,107,661	574,003	\$721,082.71
Adjustments for Value of:						
Overage Deducted from Class I & II			2,875.27			619.72
Beginning Inventory Reclassification			3.80			82.14
Other Source Milk Deducted from Class I at Class I Price			1,592.39			10,202.30
Butterfat More or Less than 3.5 Percent			-23,086.08			-7,299.07
Producer Location Differentials			-268.45			7,847.33
Half of Producer - Equalization Fund			19,484.89			6,447.04
Other Source Milk deducted from Class I at Blend Price			-1,753.35			-11,336.13
Aggregate Value and Average Price		\$4.3720093	\$1,714,231.87		\$4.517391	\$727,646.04
Reserve to Producer - Equalization Fund		.0420093	-16,471.53		.047391	-7,633.58
Uniform Price for 3.5% Milk		\$4.33	\$1,697,760.34		\$4.47 †	\$720,012.46

[†] See Page 1 for Base and Excess breakdown

PRODUCTIVITY AND SIZE IN DAIRYING (Cont'd from page 1)

prises were chosen. They were grouped according to production level—above and below average. Both groups averaged about 62 cows per farm.

The high-productivity group averaged 2,870 pounds more milk and \$100 more gross income per cow than the low-productivity farms. However, these farms also had higher investments, fixed costs (interest, depreciation, taxes, and the like), and variable costs (for such things as feed, fertilizer, and medical expenses).

As a result, net income per cow averaged only \$16 more for the high-productivity group. And several low-productivity farms, because of smaller costs, actually had larger net incomes than some farms in the high-productivity group.

Obviously, production level alone didn't entirely explain cost and return differences. Size of farm also had some effect. To find out, costs and returns for herd sizes from 40 to 110 cows and production levels from 9,000 to 14,000 pounds per cow were analyzed.

Cost savings due to size result because investment per cow declines as herds get larger and labor requirements for extra cows drop. In the study, doubling a 40-

cow herd reduced investment per cow from \$2,260 to \$1,580. The operator and 1 full-time worker were needed for the 40-cow herd. But only 1 more person was needed to handle 40 more cows.

The study also showed that the average operation with 62 cows would repay all costs when 10,000 pounds of milk per cow was sold at a net \$3.54 per hundredweight (\$3.72 minus 18 cents for hauling). Income from milk would be \$21,948 annually; dairy cattle sales and miscellaneous income would amount to \$6,076. Total costs (excluding hauling but including \$4,000 for operator's labor) would come to \$28,024.

Higher producing herds would repay all costs with fewer cows. For example, if milk sales were 12,000 pounds per cow, a herd of 39 would break even, including \$4,000 for operator's labor.

* * *

MILK SALES HAVE UPS AND DOWNS (Cont'd from page 1)

nog rose 5 percent. Light-cream sales dropped 7 percent but sour-cream sales recorded a 7-percent gain. Heavy-cream deliveries were 2 percent smaller than in 1964.

* * *

* Subject to location differentials where applicable. In the case of members of approved cooperatives, these prices are subject to the deductions authorized by the associations. The prices listed do not include any premium payments which may be paid by handlers and which may bring actual payments in excess of the minimum requirements.

UTILIZATION AND CLASS

MILWAUKEE MARKET NO. 39 ▲

ITEM	July 1966		June 1966		July 1965	
	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat
CLASS I MILK						
Packaged Products:						
Fluid Milk	45,387	3.5	44,417	3.4	46,632	3.5
Flavored Milk	1,254	3.5	1,418	3.5	1,353	3.5
2% Skim Milk, Solids added	5,960	2.1	6,004	2.1	5,807	2.1
2% Skim Milk,	1,920	2.1	1,918	2.1	1,681	2.1
Skim Milk, Solids Added	1,871	.4	1,899	.4	2,198	.4
Skim Milk	944	.6	1,010	.6	938	.7
Buttermilk	766	1.0	678	1.1	730	1.0
Flavored Milk Drink	237	.6	208	.4	233	.5
Half & Half	876	12.4	892	12.4	1,191	12.4
Light Cream	15	17.0	14	18.2	30	19.0
Whipping Cream	165	33.6	191	33.9	215	33.7
Cultured Cream	284	16.8	281	16.9	320	17.8
Subtotal	59,679	3.4	58,930	3.4	61,328	3.5
Bulk Sales to Nonhandlers	379	3.6	334	3.6	1,329	3.5
Unaccounted for Milk	189	9.2	428	2.5	212	7.3
Total Utilized in Class I	60,247	3.4	59,692	3.4	62,869	3.5
Nonpool Receipts *	1,730	3.5	3,435	3.5	-419	4.7
CLASS I - PRODUCER MILK	61,977	3.4	63,127	3.4	62,450	3.5
CLASS II MILK						
Eggnog						
Bakeries et al. **	75	19.2	80	19.1	127	13.0
Cottage Cheese	4,508	1.0	4,427	1.2	4,610	.9
Cheese	2,303	3.7	5,895	3.6	5,099	3.3
Butter	531	24.4	486	33.5	1,102	5.6
Evap., Cond., & Pwd.	2,920	1.5	4,361	2.2	3,690	3.6
Ice Cream & Mixes	3,093	9.5	3,237	9.3	3,607	10.4
Livestock Feed	121		101		87	
Dumped Products	7		11		19	
Skim Equiv. Fort. Prod.	1,527		1,566		1,931	
Ending Inventory	6,235	3.8	5,631	3.8	4,057	3.9
Shrinkage	1,098	3.3	1,271	3.0	1,047	2.7
Total Utilized in Class II	22,418	3.9	27,066	4.0	25,376	3.9
Nonpool Receipts *	-9,884	3.2	-10,719	3.1	-10,045	3.8
CLASS II - PRODUCER MILK	12,534	4.6	16,347	4.6	15,331	3.9
TOTAL PRODUCER RECEIPTS	74,511	3.6	79,474	3.6	77,781	3.6

* Includes receipts of other source milk, beginning inventory, and overage, all as allocated to classes, and adjustment for Class II interorder transfers shown as Class I.

** Bakeries et al. includes products for candy manufacturing, aerated cream, sour cream products not labeled Grade A, and small amounts of eggnog during off-season months.

▲ Prior to May 1, 1961

CLASSIFICATION OF MILK

— NORTHEASTERN MARKET NO. 45 —

— MADISON MARKET NO. 51 —

July 1966		June 1966		July 1965		July 1966		June 1966		July 1965	
Thousand Pounds	% B'fat	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat
19,540	3.4	17,741	3.4	20,379	3.4	7,227	3.4	6,902	3.4	7,382	3.4
832	3.4	775	3.5	780	3.5	369	3.7	292	3.7	387	3.8
1,640	2.1	1,488	2.1	1,326	2.0	1,489	2.1	1,474	2.1	1,362	2.1
306	2.0	286	2.1	252	1.8						
672	.4	641	.5	729	.4	372	.5	376	.5	403	.8
552	.4	557	.4	560	.4	38	.3	37	.3	54	.5
279	.8	235	.8	262	.9	130	1.5	109	1.6	130	1.3
103	.7	106	.7	122	.7	11	.2	26	1.9	5	.8
419	12.6	374	12.8	479	12.7	254	12.2	251	12.2	300	12.3
4	24.3	3	23.7	5	22.8	2	21.8	5	25.6	8	27.3
79	35.2	77	35.0	99	34.9	27	33.5	28	34.4	29	34.5
103	18.8	82	18.9	103	19.0	75	18.4	68	18.0	48	19.7
24,529	3.4	22,365	3.4	25,096	3.5	9,994	3.5	9,568	3.5	10,108	3.6
453	3.5	250	3.7	254	3.8	3,032	3.6	1,315	3.8	2,220	3.6
96	13.3	184	2.6	135	8.2	86	8.9	58	9.7	183	2.4
25,078	3.5	22,799	3.4	25,485	3.5	13,112	3.6	10,941	3.6	12,511	3.6
-716	3.3	-687	3.2	-899	2.7	-1,463	4.4	-1,044	4.5	-699	4.3
24,362	3.5	22,112	3.4	24,586	3.6	11,649	3.4	9,897	3.5	11,812	3.5
2,389	1.0	2,335	1.1	2,448	1.0	4	19.8	5	30.7	10	16.0
9,255	3.5	15,520	3.5	4,769	3.4	1,597	1.0	1,586	.9	881	1.0
154	34.0	362	35.0	265	34.4	1,037	3.0	2,470	3.1	910	2.7
1,500	1.3	3,912	1.1	2,192	.5	250	21.9	331	35.8	150	34.2
2,282	8.2	1,968	8.8	2,248	7.4	1,231		2,309		1,196	
94		73		67		1,373	8.6	1,221	8.2	1,469	7.0
4		7		14		133		102		100	
497		505		538		3		16		4	
2,902	3.9	2,577	4.1	2,080	4.3	250		259		305	
551	4.0	603	2.5	438	4.2	1,203	4.2	1,032	4.1	894	3.9
19,628	3.8	27,862	3.7	15,059	3.7	251	2.9	202	2.1	260	1.9
-4,781	3.7	-4,581	3.2	-4,772	4.0	7,332	3.8	9,533	3.7	6,179	3.7
14,847	3.7	23,281	3.8	10,287	3.6	-2,873	3.7	-2,652	3.5	-2,907	3.7
39,209	3.6	45,393	3.6	34,873	3.6	4,459	3.9	6,881	3.8	3,272	3.7
						16,108	3.6	16,778	3.6	15,084	3.6

RECEIPTS AND CLASS I UTILIZATION *

	YEAR	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	AVG
MILWAUKEE ORDER No. 39 ▲														
Producer Receipts	1964	61.2	58.0	59.6	59.1	58.0	54.3	55.0	55.7	58.5	63.9	58.5	62.7	58.7
Class I Pounds	1965	62.0	57.6	64.5	65.8	64.2	61.3	62.5	60.7	64.9	67.0	66.2	68.0	63.7
	1966	67.6	63.5	70.2	67.9	67.2	63.1	62.0						
Class I Percent	1964	83.5	82.3	78.8	81.3	77.5	77.5	81.7	81.5	86.0	88.0	81.8	82.6	81.9
	1965	79.3	80.5	80.8	79.8	75.8	76.9	80.3	79.0	87.1	87.4	88.2	86.4	81.8
	1966	83.7	85.8	84.9	84.1	82.0	79.4	83.2						
Total Receipts	1964	73.4	70.6	75.7	72.7	74.8	70.1	67.2	68.3	68.0	72.6	71.5	75.9	71.7
	1965	78.2	71.6	79.9	82.4	84.7	79.7	77.8	76.9	74.5	76.6	75.1	78.7	78.0
	1966	80.7	74.0	82.7	80.7	81.9	79.5	74.5						
Other Source Receipts	1964	3.4	3.4	3.5	3.5	3.6	3.6	3.9	3.8	4.8	5.1	4.0	4.1	3.9
	1965	3.9	3.7	4.4	4.5	4.3	4.8	5.3	4.4	5.5	5.7	5.5	5.3	4.8
	1966	4.3	5.0	5.6	4.4	4.6	4.5	5.0						
NORTHEASTERN WISCONSIN ORDER No. 45														
Producer Receipts	1964	24.5	23.2	23.7	23.6	23.2	21.7	24.2	24.1	24.0	25.4	23.2	24.2	23.8
Class I Pounds	1965	24.0	22.6	25.3	23.8	23.0	21.8	24.6	23.4	23.9	24.5	24.3	24.6	23.8
	1966	24.5	23.0	24.9	23.8	24.0	22.1	24.4						
Class I Percent	1964	55.0	57.4	54.2	55.6	52.2	52.1	66.3	69.5	71.5	67.6	62.3	59.4	60.3
	1965	56.2	57.0	56.4	54.3	51.6	51.7	70.5	71.5	73.3	70.7	67.0	62.4	61.9
	1966	57.3	57.9	55.7	53.9	52.1	48.7	62.1						
Total Receipts	1964	44.7	40.4	43.7	42.5	44.4	41.5	36.4	34.6	33.6	37.6	37.2	40.8	39.8
	1965	42.8	39.6	44.8	43.8	44.7	42.2	34.9	32.7	32.7	34.7	36.2	39.4	39.0
	1966	42.7	39.8	44.8	44.1	46.0	45.4	39.2						
Other Source Receipts	1964	5.0	1.2	1.3	1.5	1.5	1.7	2.3	2.7	2.3	2.0	2.0	1.9	2.1
	1965	1.9	1.9	2.3	2.1	2.1	2.5	3.2	2.9	2.4	2.3	2.1	2.2	2.3
	1966	1.9	1.9	2.3	2.1	2.4	2.7	2.9						
MADISON ORDER No. 51														
Producer Receipts	1964	16.0	15.7	16.3	15.1	13.9	13.9	14.6	14.5	16.6	18.5	16.7	17.3	15.8
Class I Pounds	1965	17.0	14.3	18.0	11.3	9.9	9.4	11.8	10.8	12.3	12.8	12.6	12.1	12.7
	1966	12.2	11.5	11.9	10.7	11.0	9.9	11.6						
Class I Percent	1964	71.3	72.5	70.9	68.3	60.9	67.2	76.0	76.4	82.7	85.2	78.7	75.2	73.8
	1965	71.3	65.8	75.0	64.9	59.6	58.8	78.3	73.9	86.8	82.9	83.4	76.1	73.1
	1966	74.5	76.3	69.2	63.9	62.8	59.0	72.3						
Total Receipts	1964	22.4	21.6	23.1	22.1	22.9	20.8	19.1	19.0	20.1	21.8	21.2	23.1	21.4
	1965	23.8	21.8	24.0	17.4	16.6	16.1	15.1	14.6	14.2	15.5	15.1	16.0	17.5
	1966	16.4	15.1	17.2	16.8	17.5	16.8	16.1						
Other Source Receipts	1964	1.8	1.7	2.0	1.9	2.2	2.3	2.7	2.5	2.4	2.6	3.2	2.6	2.3
	1965	2.3	1.9	2.2	2.3	4.9	3.7	2.6	2.6	2.8	3.3	3.3	2.6	2.9
	1966	2.9	2.4	2.0	2.3	2.3	2.6	3.3						

* Shown in millions of pounds

PRODUCER DELIVERY INFORMATION

	YEAR	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVG
MILWAUKEE ORDER No. 39 ▲														
Number of Farms	1964	2250	2237	2227	2209	2181	2170	2180	2229	2236	2268	2257	2254	2225
	1965	2246	2237	2228	2350	2345	2333	2346	2372	2362	2300	2306	2304	2311
	1966	2295	2294	2275	2252	2238	2280	2302						
Average Daily Production	1964	1058	1093	1110	1116	1132	1092	1003	1005	1021	1031	1060	1090	1067
	1965	1121	1136	1154	1166	1161	1152	1073	1051	1060	1019	1089	1112	1108
	1966	1134	1152	1170	1195	1177	1166	1050						
Average Test, %	1964	3.76	3.73	3.72	3.73	3.72	3.59	3.58	3.60	3.69	3.78	3.80	3.82	3.71
	1965	3.78	3.77	3.77	3.75	3.71	3.62	3.56	3.60	3.75	3.80	3.78	3.77	3.72
	1966	3.75	3.75	3.73	3.73	3.72	3.65	3.60						
NORTHEASTERN WISCONSIN ORDER No. 45														
Number of Farms	1964	1421	1341	1335	1334	1333	1319	1323	1326	1317	1318	1312	1311	1332
	1965	1304	1306	1305	1301	1282	1286	1203	1219	1287	1288	1344	1332	1288
	1966	1378	1374	1350	1332	1328	1323	1291						
Average Daily Production	1964	1014	1038	1055	1063	1075	1050	890	843	851	920	944	1005	979
	1965	1058	1084	1107	1122	1125	1095	935	867	846	868	898	954	997
	1966	1000	1034	1071	1103	1118	1114	980						
Average Test, %	1964	3.68	3.65	3.66	3.66	3.66	3.59	3.56	3.58	3.72	3.77	3.76	3.74	3.67
	1965	3.69	3.68	3.68	3.67	3.64	3.64	3.59	3.62	3.76	3.81	3.77	3.73	3.69
	1966	3.71	3.69	3.66	3.66	3.65	3.63	3.57						
MADISON ORDER No. 51														
Number of Farms	1964	642	641	640	635	633	628	635	639	646	649	642	645	640
	1965	645	644	638	508	488	486	497	504	499	500	493	492	533
	1966	490	488	488	490	484	478	518						
Average Daily Production	1964	1125	1163	1163	1158	1167	1102	973	958	1035	1082	1103	1153	1098
	1965	1189	1206	1215	1144	1095	1102	979	936	948	997	1023	1047	1073
	1966	1081	1106	1135	1142	1169	1170	1003						
Average Test, %	1964	3.69	3.65	3.66	3.65	3.63	3.54	3.50	3.51	3.61	3.69	3.72	3.76	3.63
	1965	3.69	3.68	3.69	3.70	3.70	3.61	3.56	3.59	3.77	3.79	3.76	3.74	3.69
	1966	3.73	3.72	3.70	3.70	3.69	3.62	3.56						

▲ Prior to May 1, 1966

MANUFACTURING AND FEDERAL ORDER PRICES

	YEAR	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AVG
Manufacturing Prices (cents)														
92 Score Butter	1964	57.97	57.97	57.97	57.97	57.97	57.97	58.00	59.51	61.32	60.47	62.27	59.24	59.05
	1965	58.00	57.99	57.99	58.97	58.97	58.97	59.00	61.03	62.22	62.89	63.27	63.45	60.23
	1966	59.33	61.80	63.40	62.80	63.54	65.99	71.19						
Cheddar Cheese - Wisconsin	1964	35.25	35.12	34.19	33.81	33.70	33.75	33.75	34.38	36.31	36.75	36.75	36.75	35.04
	1965	35.38	35.25	35.25	35.20	34.75	34.75	34.75	35.00	35.22	36.35	38.00	40.30	35.84
	1966	40.50	41.62	43.50	41.10	40.81	42.38	44.95						
Spray Dry Skim	1964	14.32	14.26	14.25	14.19	14.22	14.24	14.23	14.30	14.30	14.29	14.23	14.20	14.25
	1965	14.23	14.27	14.25	14.22	14.28	14.21	14.24	14.31	14.21	14.31	14.42	14.31	14.27
	1966	14.54	14.59	14.81	16.02	16.70	16.81	18.83						
Federal Order Prices (per cwt)														
Basic Formula*	1964	3.17	3.16	3.15	3.12	3.12	3.11	3.12	3.15	3.24	3.27	3.29	3.29	3.18
	1965	3.25	3.22	3.22	3.23	3.22	3.20	3.21	3.25	3.29	3.34	3.39	3.47	3.27
	1966	3.47	3.58	3.68	3.64	3.65	3.82	4.05						
Class I Price Differentials														
Orders No. 39 and No. 51		.88	.88	.68	.22	.22	.22	(Emergency price incr. for Ord. 39-45-51)						
Northeastern Order No. 45		.74	.74	.54	.68	.68	.68	.88	1.08	1.08	1.08	1.08	.88	.88
					.54	.54	.54	.74	.94	.94	.94	.94	.74	.74
Class I Supply - Demand Adjustments														
Orders No. 39 and No. 51	1964	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24
	1965	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24
	1966	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24
Northeastern Order No. 45	1964	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.20	-.16	-.16	-.22
	1965	-.20	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.20	-.16	-.12	-.08	-.20
	1966	-.12	-.16	-.20	-.24	-.24	-.24	-.24	-.24					
Class I Prices (cwt)														
Orders No. 39 and No. 51**	1964	3.80	3.81	3.60	3.59	3.56	3.56	3.75	3.96	3.99	4.08	4.11	3.93	3.81
	1965	3.93	3.89	3.66	3.66	3.67	3.66	3.84	4.05	4.09	4.13	4.18	4.18	3.91
	1966	4.18	4.18	4.174	4.292	4.30	4.31	4.617	4.89					
Northeastern Order No. 45	1964	3.66	3.67	3.46	3.45	3.42	3.42	3.61	3.82	3.85	3.98	4.05	3.87	3.69
	1965	3.83	3.75	3.52	3.52	3.53	3.52	3.70	3.91	3.99	4.07	4.16	4.05	3.80
	1966	4.16	4.14	4.094	4.158	4.16	4.17	4.477	4.75					
Class I Butterfat Differentials (cents)														
Orders No. 39 and No. 51 (.120 x Butter)	1964	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.4	7.3	7.5	7.1
	1965	7.1	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.3	7.5	7.5	7.6	7.2
	1966	7.6	7.1	7.4	7.6	7.5	7.6	7.9	8.5					
Northeastern Order No. 45 (.125 x Butter)	1964	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.7	7.6	7.8	7.4
	1965	7.4	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.6	7.8	7.9	7.9	7.5
	1966	7.9	7.4	7.7	7.9	7.8	7.9	8.2	8.9					
Class II Butterfat Differentials (cents)														
Orders No. 39, 45 and 51 (.115 x Butter)	1964	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.8	7.1	7.0	7.2	6.8	6.8
	1965	6.7	6.7	6.7	6.8	6.8	6.8	6.8	7.0	7.2	7.2	7.3	7.3	6.9
	1966	6.8	7.1	7.3	7.2	7.3	7.6	8.2						

* Class II price which is the Wisconsin-Minnesota Series

PRODUCERS UNIFORM PRICES & BUTTERFAT DIFFERENTIALS

Milwaukee Order No. 39▲														
Uniform Prices **	1964	3.70	3.71	3.50	3.50	3.46	3.47	3.64	3.82	3.89	3.98	3.96	3.81	3.70
	1965	3.79	3.75	3.58	3.58	3.56	3.55	3.72	3.89	3.99	4.03	4.09	4.08	3.80
	1966	4.05	4.10	4.10	4.18	3.97	4.03	4.35						
Producer Differentials	1964	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.3	7.3	7.3	7.0
	1965	7.0	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.3	7.4		7.5	7.1
	1966	7.4	7.1	7.4	7.5	7.4	7.6	8.0						
Northeastern Order No. 45														
Uniform Prices **	1964	3.44	3.45	3.31	3.30	3.27	3.28	3.46	3.62	3.69	3.74	3.76	3.63	3.50
	1965	3.57	3.53	3.39	3.39	3.39	3.38	3.58	3.74	3.81	3.85	3.90	3.82	3.61
	1966	3.85	3.90	3.90	3.91	3.91	3.99	4.33						
Producer Differentials	1964	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.3	7.4	7.4	7.4	7.1
	1965	7.1	7.0	7.0	7.0	7.1	7.1	7.2	7.3	7.5	7.6	7.7	7.7	7.3
	1966	7.4	7.3	7.5	7.6	7.5	7.7	8.2						
Madison Order No. 51														
Uniform Prices **	1964	3.62	3.65	3.47	3.44	3.39	3.42	3.61	3.78	3.87	3.96	3.94	3.77	3.66
	1965	3.73	3.67	3.55	3.53	3.50	3.48	3.72	3.84	3.99	3.99	4.04	4.01	3.75
	1966	3.99	4.06	4.02	4.07	4.06	4.13	4.47						
Producer Differentials	1964	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	7.3	7.3	7.3	7.0
	1965	7.0	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.3	7.4	7.5	7.5	7.1
	1966	7.3	7.1	7.4	7.4	7.4	7.6	8.0						

▲ Prior to May 1, 1966

** Weighted averages are shown for all markets whenever base and excess prices and/or location differentials are applicable.

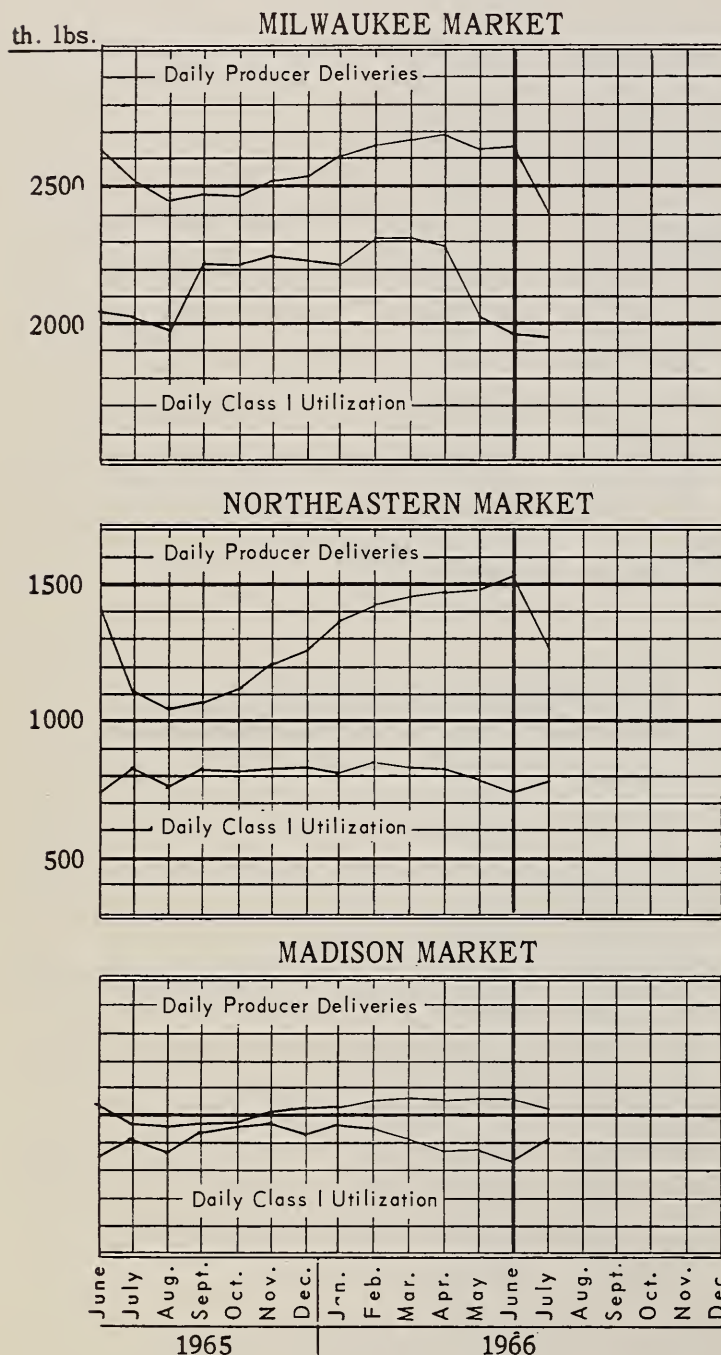
WISCONSIN FEDERAL MILK ORDER BULLETIN

Published Monthly By
Federal Milk Market Administrator
3034 West Wisconsin Avenue
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for the

Milwaukee, Northeastern and Madison Marketing Areas

This bulletin is primarily to provide producers who are not members of cooperative associations with market information in accordance with §1039.74 of the Milwaukee Wisconsin marketing order, §1045.75 of the Northeastern Wisconsin marketing order, and §1051.77 of the Madison Wisconsin marketing order.

COMPARISON OF DAILY PRODUCER DELIVERIES
TO DAILY CLASS I UTILIZATION



HAVE YOU HEARD

Sealtest Foods of Milwaukee will start delivering bread on their home delivery routes on August 29, 1966.

* * *

Edward Stuesser of Richfield has resigned his part time post as president of the Milwaukee Co-operative Milk Producers to become full time secretary-treasurer of the association.

His resignation took effect at a meeting of the co-operative's board Tuesday in its offices at 2065 N. Brookfield rd., Brookfield.

Elected to succeed Stuesser was Henry Rosenow of Oconomowoc. Stuesser, who served as president the last six years, succeeds Edwin F. Schmidt, 15645 W. Capitol dr., Brookfield, who died last June 22.

Emil Bichler, Belgium, remains vice-president of the co-operative, which represents 1,430 milk producers for the Milwaukee market.

* * *

Patrons of Dairyland Division plant of Pure Milk Association at Juneau have now agreed to direct-ship their milk to Indianapolis, Milwaukee and other Class I milk markets which net higher returns than they receive at Chicago prices.

The Juneau plant will now be used as a standby operation, it was reported. About 100 of the Waterloo, Wis. area patrons of the Juneau plant started shipping their milk to Indianapolis from a reload station in Sun Prairie. A decision was to be made soon on the location of other reload stations for other patrons of the plant.

* * *

As of August 1, 1966 Gem City-Hilltop Dairy of Baraboo was sold to Hawthorn Melody Farms Dairy of Watertown, Wisconsin, a pool plant under the Milwaukee order.

* * *

The handlers in the Madison Federal Order shipped to the following states during the month of July 1966: Iowa, Illinois, Texas, Mississippi, Missouri, Arkansas, Louisiana, North Carolina, Virginia, South Carolina, Ohio, Kentucky, West Virginia, and Tennessee.

* * *

UTILIZATION AND CLASSIFICATION OF MILK ♦

— MILWAUKEE MARKET NO. 39 —

ITEM	July 1966		June 1966	
	Thousand Pounds	% B'fat	Thousand Pounds	% B'fat
CLASS I MILK				
Packaged Products:				
Fluid Milk	87,371	3.4	88,000	3.4
Flavored Milk	2,191	3.5	2,565	3.4
2% Skim Milk, Solids added	7,119	2.1	7,112	2.1
2% Skim Milk	1,920	2.1	1,918	2.1
Skim Milk, Solids added	3,634	.5	3,856	.5
Skim Milk	1,042	.6	1,128	.6
Buttermilk	1,904	1.2	1,664	1.2
Flavored Milk Drink	785	1.0	967	1.7
Half & Half	2,351	12.0	2,486	11.9
Light Cream	92	18.0	66	18.3
Whipping Cream	260	33.3	256	34.0
Cultured Cream	655	17.2	651	17.1
Subtotal	109,324	3.5	110,669	3.5
Bulk Sales to Nonhandlers	41,419	3.5	21,971	3.9
Unaccounted for Milk	844	7.1	893	5.1
Total Utilized in Class I	151,587	3.5	133,533	3.6
Nonpool Receipts *	-7,117	3.6	-2,854	3.8
CLASS I - PRODUCER MILK	144,470	3.5	130,679	3.6
CLASS II MILK				
Eggnog	-	-	-	-
Bakeries et al. **	1,733	19.7	2,546	12.6
Cottage Cheese	13,286	.7	11,401	1.0
Cheese	25,699	3.4	33,434	3.6
Butter	4,038	31.4	7,208	34.2
Evap., Cond., & Pwd.	76,135	.7	114,069	.5
Ice Cream & Mixes	10,502	14.6	10,539	16.2
Livestock Feed	153		123	
Dumped Products	7		11	
Skim Equiv. Fort. Prod.	1,601		1,643	
Ending Inventory	12,826	4.1	11,706	4.0
Shrinkage	2,678	3.5	2,769	4.1
Total Utilized in Class II	148,658	3.5	195,449	3.6
Nonpool Receipts *	-13,995	3.8	-17,642	4.1
CLASS II - PRODUCER MILK	134,663	3.5	177,807	3.5
TOTAL PRODUCER RECEIPTS	279,133	3.5	308,486	3.6

	July 1966	June 1966
Average Daily:		
Producer Milk, thous. lbs.	9,004	10,283
Other Receipts, thous. lbs.	308	268
Gross Class I, thous. lbs.	4,890	4,451
Gross Class II, thous. lbs.	4,795	6,515
Deliveries per Farm, lbs.	981	1,132
Number of Farms	9,192	9,093
Avg. Test of Producer Milk, %	3.51	3.56
Number of Handlers:		
Pool Plants	33	35
Other Handlers	6	6
Producer Milk in Class I, %	51.8	42.4
Shrinkage to Total Receipts:		
Product Pounds, %	.98	.93
Butterfat Pounds, %	1.19	1.11

* Includes receipts of other source milk, beginning inventory, and overage, all as allocated to classes, and adjustment for Class II interorder transfers shown as Class I.

** Bakeries et al. includes products for candy manufacturing, aerated cream, sour cream products not labeled Grade A, and small amount of eggnog during off-season months.

♦ After May 1, 1966

COMPUTATION OF UNIFORM PRICES

JULY 1966

Milwaukee Wisconsin Marketing Area
Federal Order No. 39

Minimum prices per hundredweight to be paid on or before the 15th of each month to producers 3.5% milk, f. o. b. plant. These prices are subject to a butterfat differential per point over and under 3.5% and to a deduction of 2 cents per hundredweight for marketing service for nonmembers.

NAME AND LOCATION OF HANDLER	MINIMUM PAY PRICE	B'FAT DIF'L
Antigo Milk Products Cooperative, Antigo	\$4.06	8.2¢
Beatrice Foods Co., Waukegan, Ill.	4.28	8.1
Blochowiak Dairy Company, Milwaukee	4.50	8.0
The Borden Company, Milwaukee	4.53	8.0
Borden Foods Company, New London	4.09	8.2
Bowman Dairy Company, Janesville	4.23	8.1
Bowman Dairy Company, River Forest, Ill.	4.27	8.1
Cedarburg Dairy, Inc., Cedarburg	4.51	8.0
Christiansen's Dairy, Hartford	4.64	7.9
Consolidated Badger Cooperative, Appleton	4.17	8.1
Consolidated Badger Cooperative, Seymour	4.15	8.1
Consolidated Badger Cooperative, Wittenberg	4.09	8.1
Dean Milk Company, Belvidere, Ill.	4.23	8.1
Dean Milk Company, Rockford, Ill.	4.23	8.1
Deerfield Creamery Company, Deerfield	4.23	8.1
Fairmont Foods Company, Kewaskum	4.57	7.9
Galloway-West Company, Fond du Lac	4.15	8.2
Golden Guernsey Dairy Cooperative, Milwaukee	4.54	8.0
Golden Guernsey Dairy Cooperative, Waukesha	4.54	8.0
Harmony Dairy Products, Inc., Racine	4.55	8.0
Hawthorn-Mellody Farms Dairy, Chicago, Ill.	4.47	8.0
Hawthorn-Mellody Farms Dairy, Fort Atkinson	4.43	8.0
Hawthorn-Mellody Farms Dairy, Genesee Depot	4.43	8.0
Hawthorn-Mellody Farms Dairy, Genoa City	4.47	8.0
Hawthorn-Mellody Farms Dairy, Milwaukee	4.46	8.0
Hawthorn-Mellody Farms Dairy, Whitewater (A)	4.43	8.0
Hawthorn-Mellody Farms Dairy, Whitewater (Fluid)	4.46	8.0
Healthway Dairy, Inc., Fort Atkinson	4.45	8.0
Hiawatha Valley Dairies Cooperative, Sparta	4.20	8.1
Hillpoint Cooperative Dairies, Reedsburg	4.30	8.0
Home Dairy, Beaver Dam	4.61	7.9
Keystone Farms, Waukesha	4.58	7.9
Krueger Dairy, Grafton	4.61	7.9
McFarlands' Farm Dairy, Watertown	4.39	8.0
Milk Producers Cooperative, Inc., Kenosha	4.47	8.0
Mullen's Dairy, Watertown	4.48	8.0
Pabst Farms, Inc., Oconomowoc	4.22	8.1
Pabst Farms, Inc., Paoli	4.22	8.1
Pet Milk Company, Belleville	4.27	8.1
Progressive Dairy Products Co., Racine	4.57	7.9
Pure Milk Association, Albion	4.38	8.0
Pure Milk Association, Burlington, Ill.	4.42	8.0
Pure Milk Association, Burlington, Wis.	4.38	8.0
Pure Milk Association, Juneau	4.38	8.0
Pure Milk Association, Kansasville	4.61	7.9
Pure Milk Association, Mount Horeb	4.38	8.0
Pure Milk Association, Pearl City, Ill.	4.38	8.0
Roets Home Dairy, Waupun	4.59	8.0
Sealtest Foods, Milwaukee	4.53	7.9
Slinger Creamery, Incorporated, Slinger	4.33	8.1
Viroqua Cooperative Creamery Company, Viroqua	4.17	8.1
Warren Dairy, Burlington	4.70	8.0
Wayside Dairy, Belgium	4.58	7.9
West Side Dairy, Inc., Hartford	4.59	7.9
Willow Dale Dairy Farms, Inc., Antioch, Ill.	4.62	7.9
Wright & Wagner Dairy, Beloit	4.24	8.1
WEIGHTED AVERAGES	\$4.35	8.0¢

◆ After May 1, 1966

* Subject to location differentials where applicable. In the case of members of approved cooperatives, these prices are subject to the deductions authorized by the associations. The prices listed do not include any premium payments which may be paid by handlers and which may bring actual payments in excess of the minimum requirements.